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| EFS ID:                              | 9863523                                                                                 |  |  |  |
| Application Number:                  | 09874102                                                                                |  |  |  |
| International Application Number:    |                                                                                         |  |  |  |
| Confirmation Number:                 | 6818                                                                                    |  |  |  |
| Title of Invention:                  | PLASMA-ASSISTED DRY ETCHING OF NOBLE METAL-BASED MATERIALS                              |  |  |  |
| First Named Inventor/Applicant Name: | Thomas H. Baum                                                                          |  |  |  |
| Correspondence Address:              | Robert A. McLauchlan, III  ATMI, Inc. 7 Commerce Drive - Danbury CT 06810 US 2037941100 |  |  |  |
| Filer:                               | Thomas Edward Watson                                                                    |  |  |  |
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| Application Type:                    | Utility under 35 USC 111(a)                                                             |  |  |  |
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File Listing:

| Document<br>Number                                  | Document Description | File Name                                     | File Size(Bytes)/<br>Message Digest | Multi<br>Part /.zip | Pages<br>(if appl. |
|-----------------------------------------------------|----------------------|-----------------------------------------------|-------------------------------------|---------------------|--------------------|
| 1 Power of Attorney                                 | VATMPOA.pdf          | 577201                                        | no                                  | 2                   |                    |
|                                                     |                      | 29471998023e37291291ee018e18683c385<br>64ed2  |                                     |                     |                    |
| Warnings:                                           |                      |                                               |                                     |                     |                    |
| Information:                                        |                      |                                               |                                     |                     |                    |
| 2 Change of Address                                 | fee address form.pdf | 315318                                        | no                                  | 2                   |                    |
|                                                     |                      | 15e22e337e27cb30363be0132b8fff88fff2c<br>173  |                                     |                     |                    |
| Warnings:                                           |                      |                                               |                                     |                     |                    |
| Information:                                        |                      |                                               |                                     |                     |                    |
| 3 Assignee showing of ownership per 37 CFR 3.73(b). | 373B.pdf             | 502404                                        | no                                  | 2                   |                    |
|                                                     |                      | c0de4dece422bdf7248adif019beecef2f8df8<br>33b |                                     |                     |                    |
| Warnings:                                           |                      |                                               |                                     |                     |                    |
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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filling Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.